SUREMENT BOOK

Dimensions				Contents	Reference to last Measurement
per	Length 4	Breadth 5	Depth 6	7	8
		IT —	9833 —		
		KST —	39331 —		
		FD —	49164 —		
		LWR —	9833 —		
		CBT —	583 —		
		Ron —	11533 —		
		Total def —	120677 =/-		

First & Final Bill

M.A.R. 57 (Rule 116)

BR-282/31-X-13 Measurement Book No. A/11

Serial No. 190046

Name of work Construction of CC Road and RCC Drains at Srirachaiah Layout Millennium School Back Side in ward No-10. From To

Name of Contractor of nature of Agency Sri. T.G. MANJUNATH.

Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work Code No:	OLO-13-000025.					
	Work order No:	EE/BTP/BBMP/E-TND/U33/2012-13. Dt- 16-03-2013.					
	Agreement No of U2U	Dated 16-03-2013.					
	Address of Agency:-	# 3395, 5th Cross 1st main road Gayatrinagara Bangalore.					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded On:-						
1)	Earth work excavation for foundation of buildings, Culverts water supply, Sanitary line and electrical conduits either in Pits or in trenches 1.5m, in depth ordinary soil.						
	Cross Road RLs	1	x30.00	x0.90	x0.90 =	24.30 cum	
	Cross Road LLs	1	x11.70	x0.90	x0.90 =	9.48 cum	
		1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x11.70	x0.90	x0.90 =	9.48 cum	
	2nd Main Burial Ground	1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x30.00	x0.90	x0.90 =	24.30 cum	
		1	x27.20	x0.90	x0.90 =	22.03 cum	

CRF

1071

M.A.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
		Qty
2)	Providing in Position Plain cement @ 180kgs with form aggregates @ 0.85cum and	
		1
		1
	Cross Road LLs	1
		1

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2nd Main Burial Ground Road RLS	1	x30.00	x0.90	x0.15 =	4.05cum	
		1	x11.70	x0.90	x0.15 =	1.58cum	
		1	x30.00	x0.90	x0.15 =	4.05cum	
		1	x30.00	x0.90	x0.15 =	4.05cum	
		1	x30.00	x0.90	x0.15 =	4.05cum	
		1	x30.00	x0.90	x0.15 =	4.05cum	
		1	x27.20	x0.90	x0.15 =	3.67cum	
					Total =	40.15cum	
				Qty limited to Tender	=	40.05cum	
				@ Rs 3800.00			Rs 152190.00
3)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for sides and soffits of beams beam haunchings cantilever						

C&F

1001

Serial No.....

Name of work.....Fro

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	CRMS Road LLS	4 x 4 x 4 x 4 x 3 x 4 x
	2nd Main Burial Ground Road RLS	4 x 4 x 4 x 3 x 3 x

NT BOOK

ensions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
x0.90	x0.15 =	4.05 Cum	
x0.90	x0.15 =	1.35 Cum	
x0.90	x0.15 =	4.05 Cum	
x0.90	x0.15 =	4.05 Cum	
x0.90	x0.15 =	4.05 Cum	
x0.90	x0.15 =	4.05 Cum	
x0.90	x0.15 =	4.05 Cum	
x0.90	x0.15 =	3.67 Cum	
	Total =	40.15 Cum	
d to Tender	=	40.05 Cum	
3800.00		Rs 152190.00	

g, Shuttering, Struting, Propping
of sides and soffits of beams

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 193048

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		4	x30.00		x0.60 =	72.00 Sqm	
		4	x11.70		x0.60 =	28.08 Sqm	
	Cross Road LLS	4	x30.00		x0.60 =	72.00 Sqm	
		4	x30.00		x0.60 =	72.00 Sqm	
		3	x30.00		x0.60 =	54.00 Sqm	
		4	x11.70		x0.60 =	28.08 Sqm	
	2nd Main Burial Ground Road RLS	4	x30.00		x0.60 =	72.00 Sqm	
		4	x30.00		x0.60 =	72.00 Sqm	
		4	x30.00		x0.60 =	72.00 Sqm	
		3	x30.00		x0.60 =	54.00 Sqm	
		3	x27.20		x0.60 =	48.96 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total =	645.12 Sqm	
		qty	imated to Tender		=	640.80 Sqm	
			@ Rs 250.00			Rs 160200.00	
	u) Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs. with 20mm and down size graded granite metal. coarse aggregates @ 0.8 cum and fine						
	Bottom concrete						
		1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x11.70	x0.60	x0.15 =	1.05 cum	
	Cross Road LS	1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x11.70	x0.60	x0.15 =	1.05 cum	
	2nd main Byroad Ground Road RLS	1	x30.00	x0.60	x0.15 =	2.70 cum	

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M.A.R. 57

Measure

Serial No.....

Name of work.....From....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Len
1	2	3	
		1	x30.
		1	x30.
		1	x30.
		1	x27.
	Side walls		
		2	x30.
		2	x11.
	Cross Road LS	2	x30.
		2	x30.
		2	x30.
		2	x11.
	2nd main Byroad Ground Road RLS	2	x30.

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
		Total =	645.12 Sqm	
ed to Tender		=	640.80 Sqm	
	Rs 250.00		Rs 160200.00	
reinforced cement concrete of				
ent @ 320 Kgs. with 20mm and down				
be aggregates @ 0.878 cum and fine				
0	x0.60	x0.15 =	2.70 cum	
	x0.60	x0.15 =	1.05 cum	
0	x0.60	x0.15 =	2.70 cum	
	x0.60	x0.15 =	2.70 cum	
0	x0.60	x0.15 =	2.70 cum	
	x0.60	x0.15 =	1.05 cum	
0	x0.60	x0.15 =	2.70 cum	

C&Fc

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 190049

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x30.00	x0.60	x0.15 =	2.70 cum	
		1	x27.20	x0.60	x0.15 =	2.45 cum	
	Side walls	2	x30.00	x0.10	x0.60 =	3.60 cum	
		2	x11.70	x0.15	x0.55 =	1.93 cum	
	Cross Road LS	2	x30.00	x0.10	x0.60 =	3.60 cum	
		2	x30.00	x0.10	x0.60 =	3.60 cum	
		2	x30.00	x0.15	x0.50 =	4.50 cum	
		2	x11.70	x0.10	x0.60 =	1.40 cum	
	2nd main Byroad Ground Road RLS	2	x30.00	x0.10	x0.60 =	3.60 cum	

C&Fc

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	x30.00	x0.15	x0.60 =	5.40cum	C&FC
		2	x30.00	x0.10	x0.50 =	3.00cum	
		2	x30.00	x0.15	x0.50 =	4.50cum	3410
		2	x27.20	x0.10	x0.65 =	3.54cum	
					Total =	64.82cum	
	C&FC 3410				Qty limited to tender =	64.08cum	
					@RS 4600.00	RS 294768.00	
5)	Providing T.M.T Steel reinforcement for R.C.C work including Straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire						
	Qty Vide Page No 190099					= 32.04QH	
					@RS 6500.00	RS 208260.00	

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M.A.R. 57 (F

Measureme

Serial No.....

Name of work.....From.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dim	
		Number	Length
1	2	3	4
6)	Filling available excavated earth foundations upto plinth in lay compacting each deposited layer		
		2	x30.00
		2	x11.70
	Cross Road LIS	1	x30.00
		1	x30.00
		1	x30.00
		2	x11.70
	2nd Main Byrasandra Ground Road	1	x30.00

ASUREMENT BOOK

Number	Length	Breadth	Depth	Contents	Reference to last Measurement
				7	8
	x30.00	x0.15	x0.60 =	5.40cum	C/F
	x30.00	x0.10	x0.50 =	3.00cum	
	x30.00	x0.15	x0.50 =	4.50cum	
	x27.20	x0.10	x0.65 =	3.52cum	
			Total =	64.82cum	
			Qty limited to Tender =	64.08cum	
			@ Rs 4600.00		Rs 294768.00
	reinforcement for R.C.C work including bending, hooking, placing in position, lapping required, tying with binding wire				
	1900 kg				
			=	32.04 Qtl	
			@ Rs 6500.00		Rs 208260.00

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 190050

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth. compacting each deposited layers by ramming.						
		2	x30.00	x0.30	x0.60 =	10.80cum	
		2	x11.70	x0.30	x0.60 =	4.21cum	
	Cross Road LIS	1	x30.00	x0.30	x0.65 =	5.85cum	
		1	x30.00	x0.30	x0.65 =	5.85cum	
		1	x30.00	x0.30	x0.65 =	5.85cum	
		2	x11.70	x0.30	x0.60 =	4.21cum	
	2nd Main Burial Ground Road	1	x30.00	x0.30	x0.65 =	5.85cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	x 30.00	x 0.30	x 0.60 =	5.40 cum	
		1	x 30.00	x 0.30	x 0.65 =	5.85 cum	
		1	x 30.00	x 0.30	x 0.60 =	5.40 cum	C & F
		1	x 27.20	x 0.30	x 0.65 =	5.30 cum	
					Total =	64.58 cum	
	Qty limited to tender				=	64.08 cum	
	@ RS 400.00					RS 25632.00	
	7) Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means including loading and unloading						
	Qty Vide Item no (1-8)				=	128.16 cum	
	@ RS 200.00					RS 25632.00	

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
8)	providing granit and fixed in ce
	Cross Road Lis
	2nd main Barrel Ground Road RIS

ENT BOOK

imensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
00	x0.30	x0.60 =	5.40 cum	
00	x0.30	x0.65 =	5.85 cum	
00	x0.30	x0.60 =	5.40 cum	C&Fc
e	x0.30	x0.65 =	5.30 cum	
		Total =	64.58 cum	
d to tender		=	64.08 cum	
0.00			RS 25632.00	
ail be payable at carriage rates by				
oading and unloading				
no (1-8)		=	128.18 cum	
S 200.00			RS 25632.00	

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 190051

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
8)	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing covering etc						
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x11.70		x0.60 =	7.02 Sqm	
	Cross Road RLs	1	x30.00		x0.60 =	18.00 Sqm	C&Fc
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x11.70		x0.60 =	7.02 Sqm	
	2nd main Barrel Ground Road RLs	1	x30.00		x0.60 =	18.00 Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Existing Drain covering Slab	1	x30.00		x0.60 =	18.00 Sqm	C/F
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x27.20		x0.60 =	16.32 Sqm	
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x30.00		x0.60 =	18.00 Sqm	
		1	x6.50		x0.60 =	3.90 Sqm	
					Total =	214.20 Sqm	
			Qty limited to tender =			213.60 Sqm	
		@ Rs 460.00					Rs 98256.00
9)	Providing chamfering edges to stone slab 2.5cms. width as per specifications. Only chamfered length shall be recorded)						

1061

Serial No.....

Name of work.....

Name of Contractor of nature of Agency..

Date of commencement of work.....

Date	Full description, etc, of work	N
1	2	
	10) Providing Two line M Masonary as per S	7

EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
0.00		x0.60 =	18.00 Sqm	
0.00		x0.60 =	18.00 Sqm	
0.00		x0.60 =	18.00 Sqm	
7.20		x0.60 =	16.32 Sqm	
0.00		x0.60 =	18.00 Sqm	C/F
0.00		x0.60 =	18.00 Sqm	
6.50		x0.60 =	3.90 Sqm	
		Total =	214.20 Sqm	
mitted to tender =			213.60 Sqm	
RS 460.00			RS 98256.00	
to stone slab 2 sqms. wall as per cal length shall be recorded)				

M.A.R. 57 (Rule 116)

Measurement Book No. A/11 190052

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		794	x2.10		=	1667.40 Mts	
			qty limited to tender		=	1661.10 Mts	
			@ RS 123.00			RS 204315.00	
10)	Providing Two line dressing to granite stone slab/ granite stone Masonary as per specifications						
			qty Vide Page Item No 9-08			213.60 Sqm	
			@ RS 301.80			RS 64464.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total	Rs	12,58,388/-
					Jadhav AE 31/10/2013.		
	Certificate:- Certified that the abave workdone satisfactory and no materials issued from departmentaly. C&F: 31/10/13 Jadhav AE 31/10/2013						

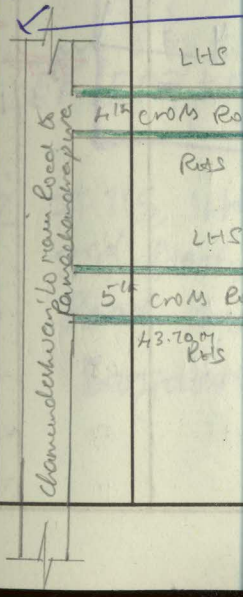
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ ಸಾ. ಬೆಂಗಳೂರು-97.

1001

M.A.R. 57 (R
Measuremen

Serial No.....
Name of work.....From.....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dime	
		Number	Length
1	2	3	4
	Sketch showing the locatio		



Jadhav
AE 31-10

MEA … BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 1258380=00				IT - 12584 -		
	ಗಳನ್ನು ಪಾವತಿ ಮಾಡಿದೆ ರೂ 167591=00				15% - 5033 -		
	ಹೊರಾಟಕ್ಕೆ ಮಾಡಿದೆ ರೂ				5% 75503 -		
	ರೂ 1090789=00				Cess 12584 -		
	ಚಿಲ್ಲರೆ ಮೊಬಲಗು ಕಳುಹಿಸಿದೆ				SHC 1258 -		
	Thirthahalli.				Rly 13327 -		
					Fine - 200 -		
					167591=00		
					5/12/15		

First & Final Bill

M.A.R.
Meas

Serial No. BR - 50 to 4/2014

Name of work. Pot holes filling to Roa
Circle and Raonadhand

Name of Contractor of nature of Agency. Fmbs
K.

Date of commencement of work.

Date	Full description, etc, of work	Number
1	2	3
	Work Code no;-	010 - L
	Work order no;-	EE/B
	Address of Agency;-	# 1 3rd Roa Ba